



Technology Needs Assessments: Approach to Capacity Building for TNAs

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Technology Needs Assessments

(A GEF funded project under Poznan Strategic Programme on
Technology Transfer)

Approach to Capacity Building for TNAs

CLEAN expert meeting on low carbon development planning

October 11, 2010

ECN, Amsterdam

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Project Objectives

- To identify and prioritize through **country-driven participatory processes**, technologies that can contribute to mitigation and adaptation goals of the participant countries, while meeting their **national sustainable development goals** and priorities (TNA).
- To identify barriers hindering the acquisition, deployment, and diffusion of prioritized technologies.
- To develop Technology Action Plans (TAP) specifying activities and enabling frameworks to overcome the barriers and facilitate the transfer , adoption, and diffusion of selected technologies in the participant countries.

Learning from first TNA

First Round TNAs- Lessons Learnt ; UNDP and UNEP Synthesis Report (2008)

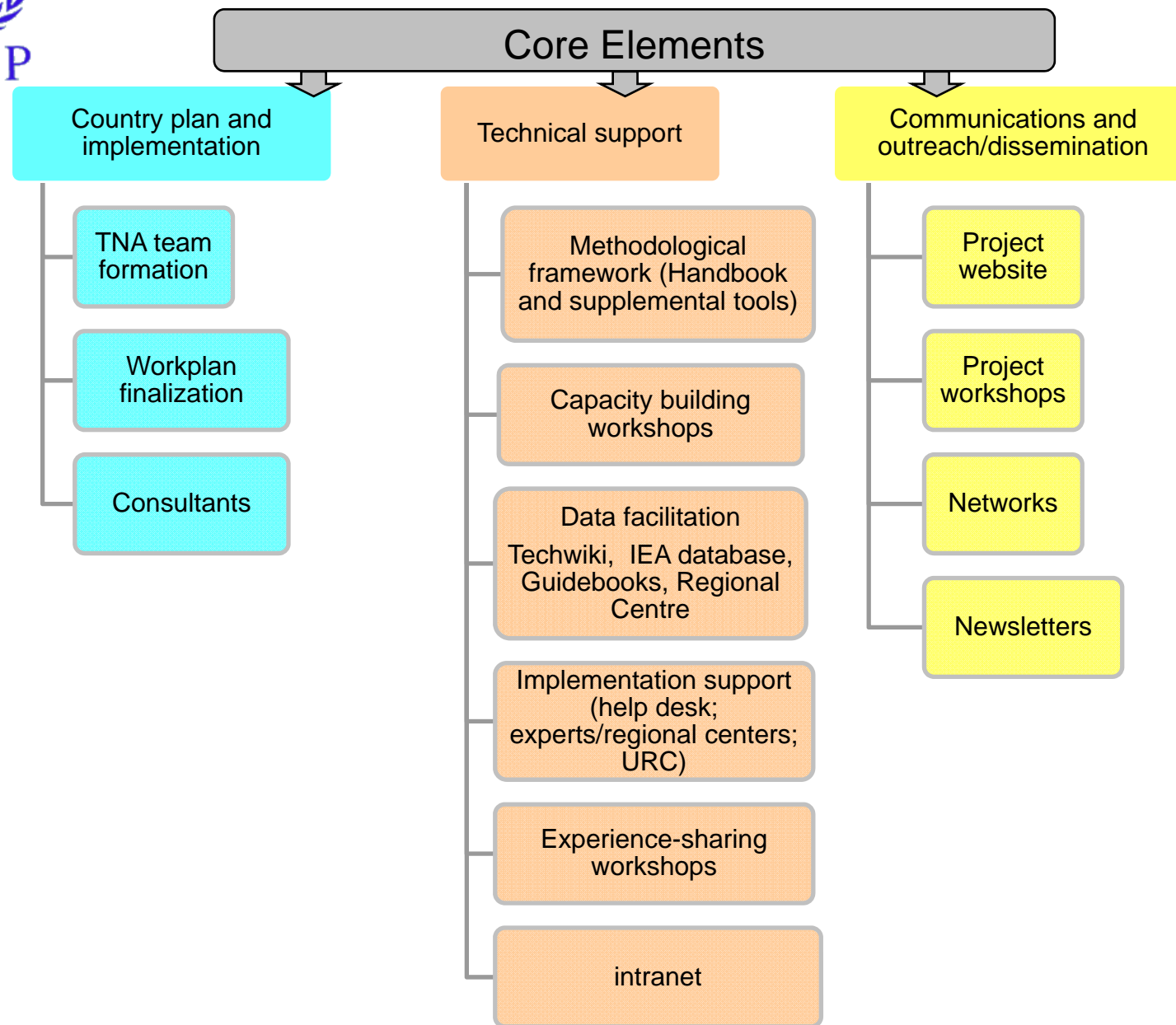
- Strengthening **national capacity** should be a key priority for future work on technology transfer activities
- Identification of Technology Needs for **Adaptation needs** strengthening
- **Stakeholders role** needs to be well defined and involvement strengthened
- Non-technological options need to be given better attention
- Activities should be well defined and timely technical guidance should be available
- Implementation of the findings needs to be supported
-

Learning from TNA Best Practices Workshop

TNA Best Practices (UNFCCC Workshop report, 2007)

- A good **institutional set-up** in countries needed
 - Project coordinator and team (of experts) right candidates
 - Stakeholder group from key relevant institutions
- Detailed workplan with clear objectives and roles, in consultation with stakeholders
- Use right (most recent) **methodology**, adapt guidance to national circumstances
- Decide on the tool of prioritization in accordance to the national circumstances
- Use a wide range of criteria, identify a small number of key sectors
- Need to Conduct a **barrier analysis** for the selected/prioritized technologies
- Need to Draw **implementation plans** to address the barriers identified
- Develop **project proposals**
-

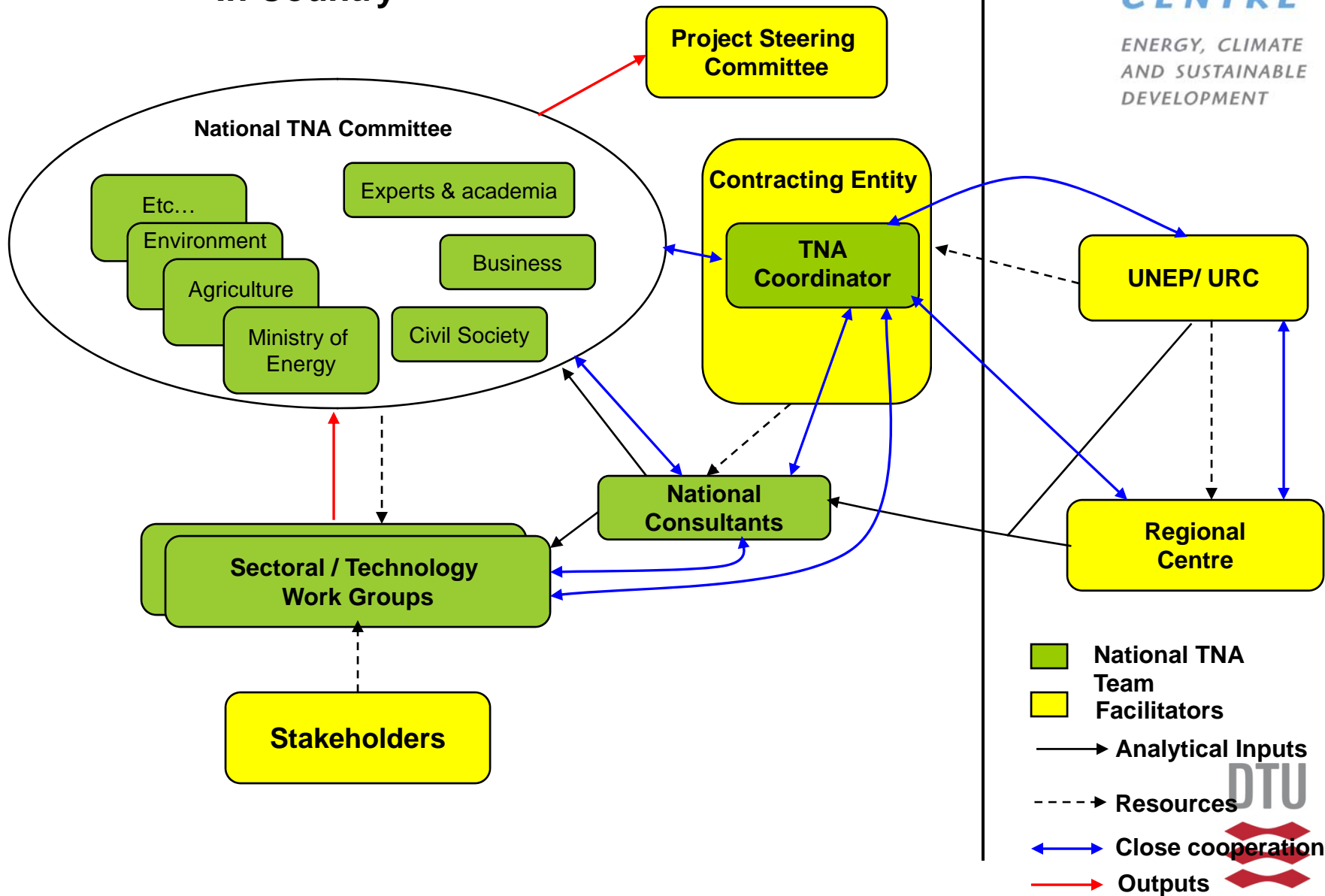
Approach



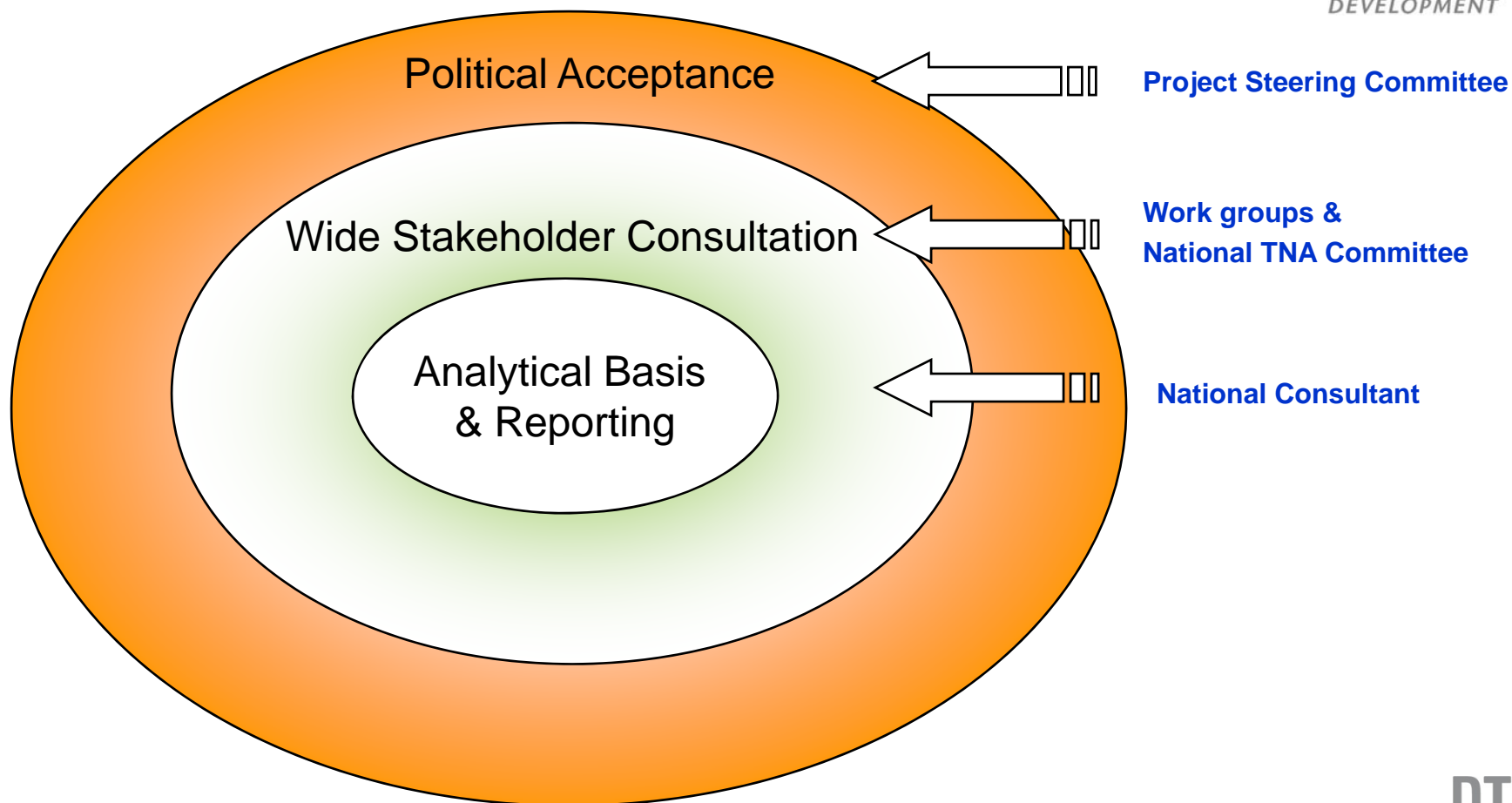
Organisational Structure

In Country

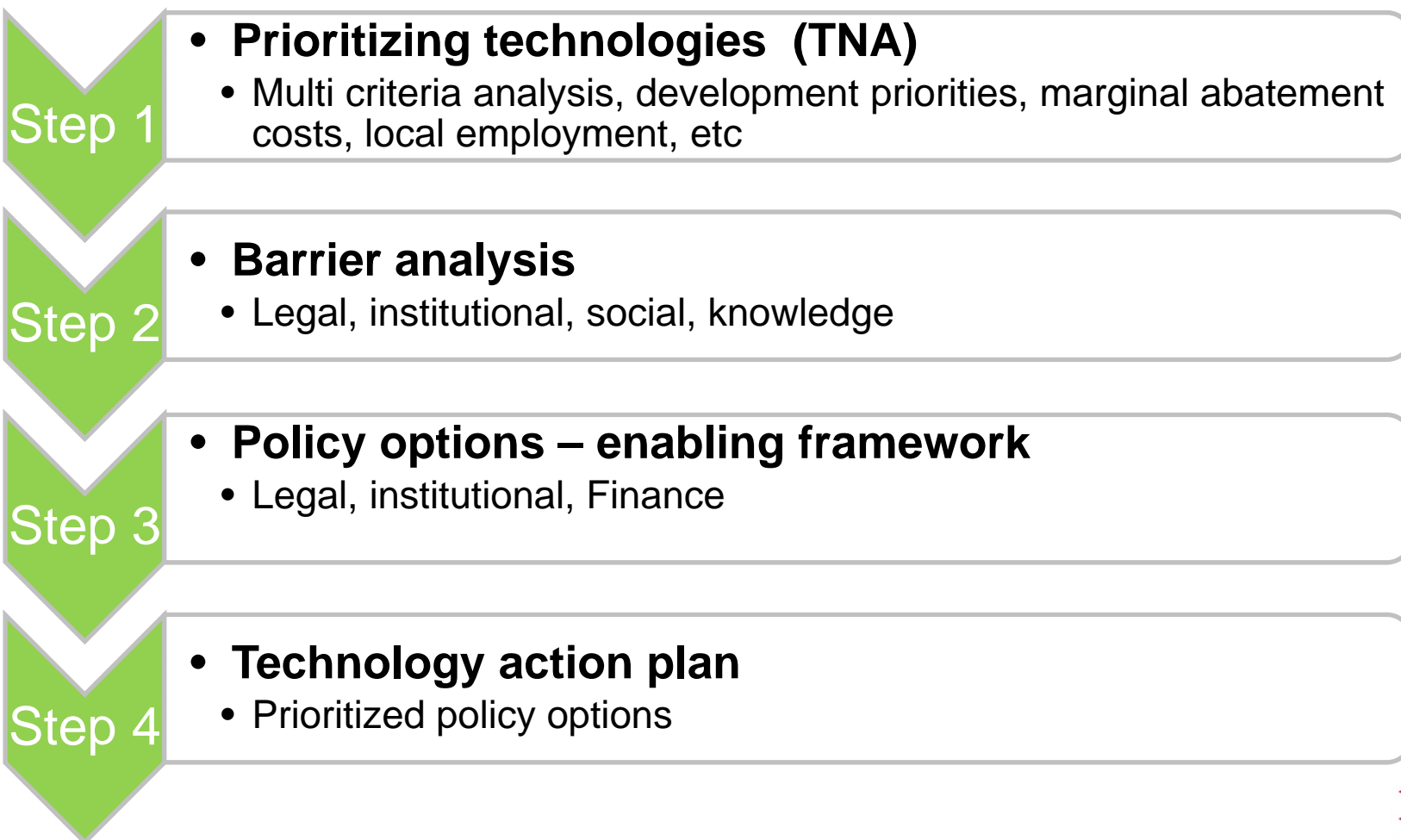
Global



Role of organizational elements



Steps in preparing Technology Action Plans (TAP)





Country Support Matrix

UNITED

TNA Process Step	Organisational Elements		Methodological Elements	Database Supports	Training
	Decision Making Entity	Technical Support			
Prioritization of Technologies					
Stage 1 Prioritizing Sectors	<ul style="list-style-type: none">National TNA Committee	<ul style="list-style-type: none">National Consultants	<ul style="list-style-type: none">TNA HandbookGuidebook		Regional Capacity Building Workshop -1 on Multi criteria, spreadsheets
Stage 2 Prioritizing Technologies	<ul style="list-style-type: none">National TNA CommitteeSectoral work groups	<ul style="list-style-type: none">National Consultants	<ul style="list-style-type: none">TNA HandbookMulti Criteria ToolSpreadsheets	<ul style="list-style-type: none">Sectoral GuidebooksHelp Desk (RC's)Climate Techwiki	
Barrier Analysis & Enabling Framework	<ul style="list-style-type: none">Work groups	<ul style="list-style-type: none">National Consultants	<ul style="list-style-type: none">Market Analysis tool (Mitigation)Barrier AnalysisGuidebooks	<ul style="list-style-type: none">Policy Database	Regional Capacity Building Workshop -2 on Market / Barrier Analysis & Template for TAP
Technology Action Plan	<ul style="list-style-type: none">National TNA CommitteeProject Steering Committee	<ul style="list-style-type: none">National ConsultantsWork groups	<ul style="list-style-type: none">Template		

Progress Report; Activities

☐ Capacity Building (regional) Workshops- first round

- September 2010

☐ Regional Centre Support

- RCs in place.

☐ Data facilitation

- Collaboration with UNDP, Regional Centres, IEA, and, experts (guidebooks)

☐ Website and Intranet

- Website operational

www.tech-action.org and intranet operational now

☐ Templates

- TNA Report and TAP

What Next on Capacity Building?

- TNA handbook +++
 - Feedback from first workshop
 - Second capacity building workshop; Barriers, Enabling Framework, TAP
 - Other areas;
 - Support for development of project ideas
 - Support for development of TAP
 - Access to Financing
 - Investigating other issues (IPR)
 - What other issues / areas for a TNA ?
 - Experts in these areas to support countries
 - Process is country driven

Thank You

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